AUTODOC CLUB

How to change spark plugs on **FORD Fiesta Mk6 Hatchback (JA8, JR8)** – replacement guide

SIMILAR VIDEO TUTORIAL



This video shows the replacement procedure of a similar car part on another vehicle

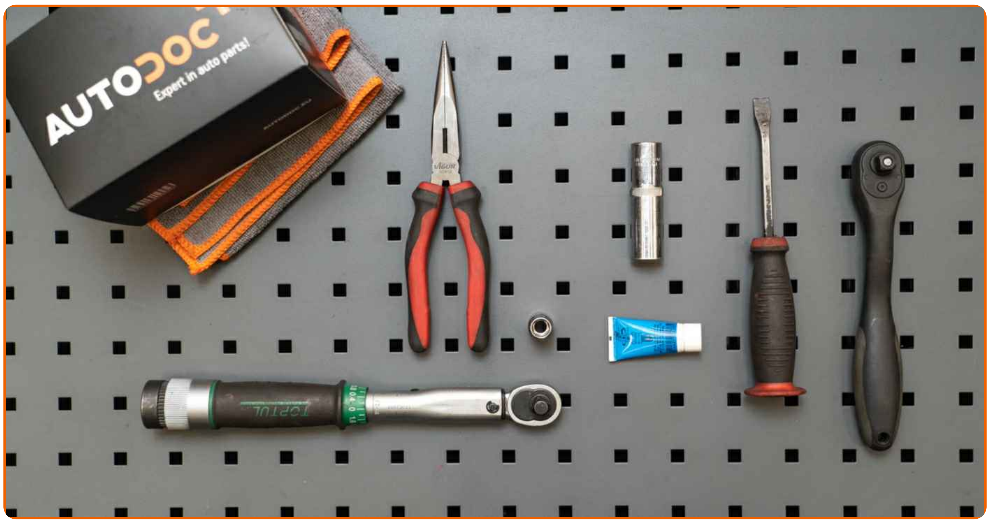
Important!

This replacement procedure can be used for:
FORD Fiesta Mk6 Hatchback (JA8, JR8) 1.6 Ti, FORD Fiesta Mk6 Hatchback (JA8, JR8) 1.4 LPG

The steps may slightly vary depending on the car design.

This tutorial was created based on the replacement procedure for a similar car part on: FORD Fiesta Mk5 Hatchback (JH1, JD1, JH3, JD3) 1.4 16V

REPLACEMENT: SPARK PLUGS – FORD FIESTA MK6 HATCHBACK (JA8, JR8). TOOLS YOU MIGHT NEED:



- High-temperature anti-seize lubricant
- Drive socket # 10
- Spark plug socket # 16
- Ratchet wrench
- Torque wrench
- Round-nose pliers
- Clic-R collar pliers
- Microfibre towel
- Fender cover

Buy tools

Replacement: spark plugs – FORD Fiesta Mk6 Hatchback (JA8, JR8). Tip from AUTODOC:

- The replacement procedure is the same for all spark plugs.
- All work should be done with the engine stopped.

REPLACEMENT: SPARK PLUGS – FORD FIESTA MK6 HATCHBACK (JA8, JR8). TAKE THE FOLLOWING STEPS:

1 Open the bonnet.

2 Use a fender protection cover to prevent damaging paintwork and plastic parts of the car.

3 Disconnect the air intake pipe from the air filter housing.



4 Detach the air intake hose clamp. Use clic-R collar pliers.



5 Remove the air intake pipe.



6 Unscrew the filter housing fastening bolts. Use a drive socket #10. Use a ratchet wrench.



7 Detach the crankcase ventilation hose from the engine cover at the left.

8 Remove the air filter housing.



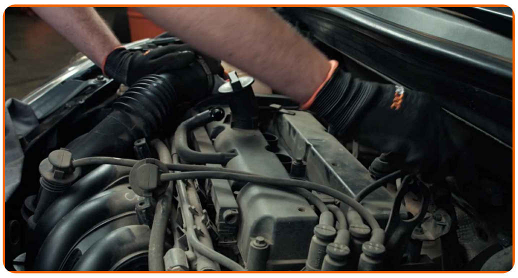
Please note!

- The air filter housing is integrated into the engine cover.

9 Cover the air intake hose with a microfibre towel to prevent dust and dirt from getting into the system.



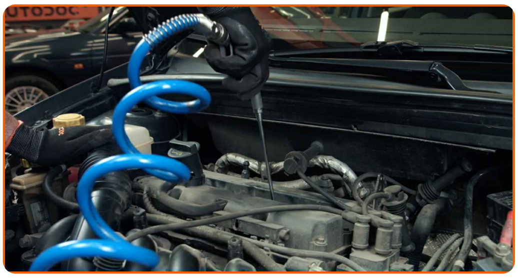
10 Remove the spark plug wire connectors from the spark plug wells. Use round-nose pliers.



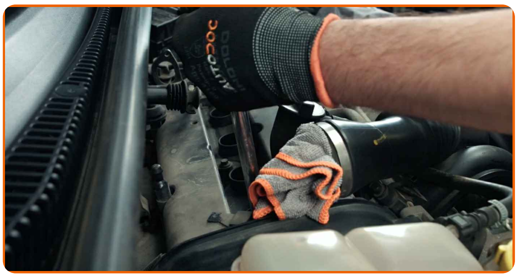
Replacement: spark plugs – FORD Fiesta Mk6 Hatchback (JA8, JR8). Professionals recommend:

- Be careful to avoid damaging spark plug wires.
- Remember the sequence of the spark plug wires connectors.

11 Clean dirt, dust and debris from inside the spark plug wells.



12 Unscrew the spark plugs. Use the spark plug socket #16. Use a ratchet wrench.



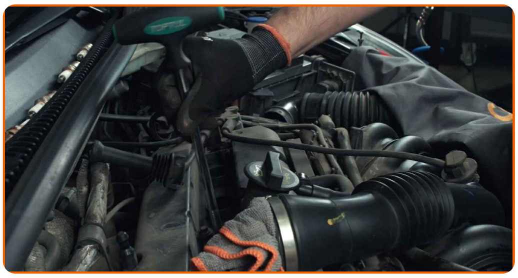
13 Take out the spark plugs.



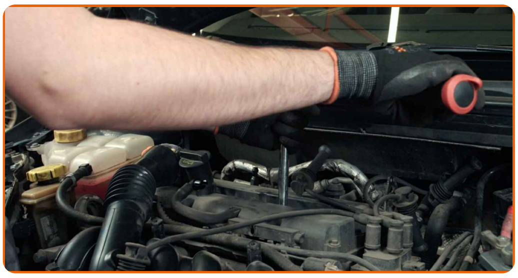
14 Apply a thin layer of a special high temperature anti-seize lubricant to the threads of the new spark plugs.



15 Install the new spark plugs into their mounting seats.



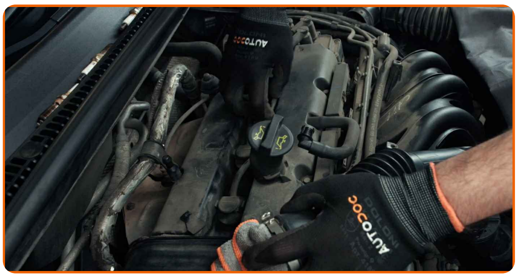
16 Screw new spark plugs and tighten them. Use the spark plug socket #16. Use a torque wrench. Tighten it to 15 nm torque.



Replacement: spark plugs – FORD Fiesta Mk6 Hatchback (JA8, JR8). AUTODOC recommends:

- Don't tighten the plugs with excessive force. Exceeding tightening torque can damage the thread connection.
- Be careful when working with a spark plug wrench. Its skewing can cause damage to the threaded connection.

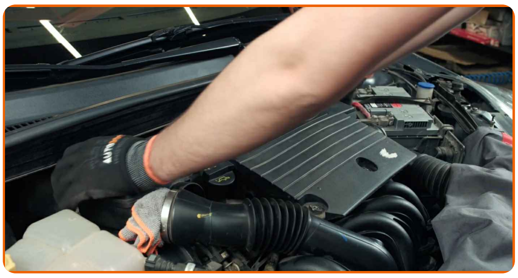
17 Install the spark plug wire connectors into the spark plug wells. Make sure you hear a click indicating that it is locked in place.



AUTODOC recommends:

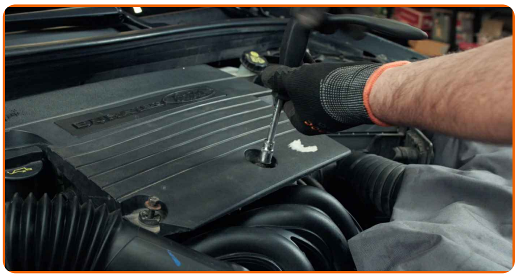
- Replacement: spark plugs – FORD Fiesta Mk6 Hatchback (JA8, JR8). Follow the installation steps.

18 Reinstall the air filter housing.



19

Screw the filter housing fastening bolts. Use a drive socket #10. Use a ratchet wrench.



20

Attach the crankcase ventilation hose to the engine cover at the left.



21

Remove the microfibre towel from the air intake hose.



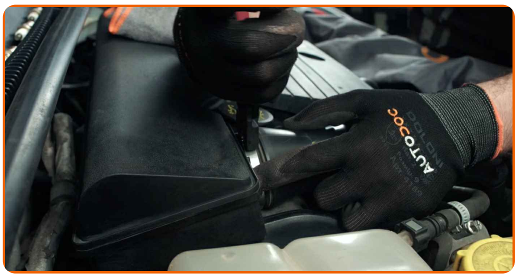
22

Install the air intake pipe and secure it.



23

Fasten the clamp on the air intake hose. Use clic-R collar pliers.



24 Connect the air intake pipe to the air filter housing.



25 Remove the fender protection cover.

26 Close the hood.

27 Run the engine for a few minutes. This is necessary in order to make sure that the component operates properly.

28 Shut off the engine.

WELL DONE!

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